Amendments to the Specification

Please replace paragraph 46 on page 14, with the following rewritten paragraph:

[0046] In block 602, each resource management process 224 determines whether the resource usage is at or above a high threshold (also referred to as a "high watermark") and below a final threshold. If resource usage is at or above the high threshold, processing continues to block 604, otherwise, processing continues to block 606. In block 604, each resource management process 224 broadcasts a high watermark message to one or more primary control units that are using the largest amount of resources and then processing loops back to block 600 and that have not already received high watermark messages without subsequent low watermark messages and then processing loops back to block 600. For example, if primary control units A, B, and C are each using 2 percent of cache, while all other primary control units are each using 1 percent of cache, then primary control units A and B may be sent high watermark messages. Then, the next time the resource management process 224 is selecting one or more primary control units to receive a high watermark message, primary control unit C may be selected.